

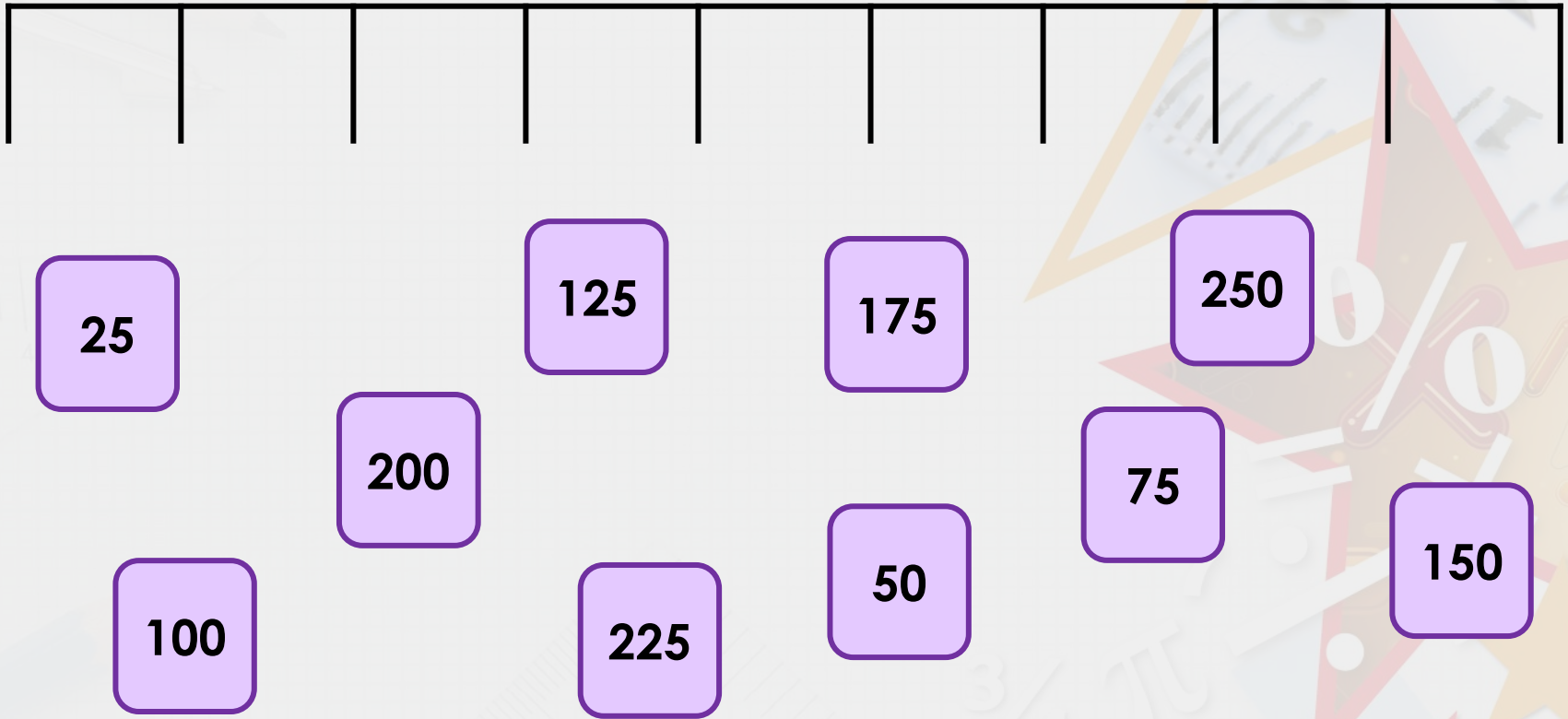
Step 13: Negative Numbers

Lesson Objective

- Lesson Objective: To understand the sequencing of negative numbers and be able to compare different negative numbers.

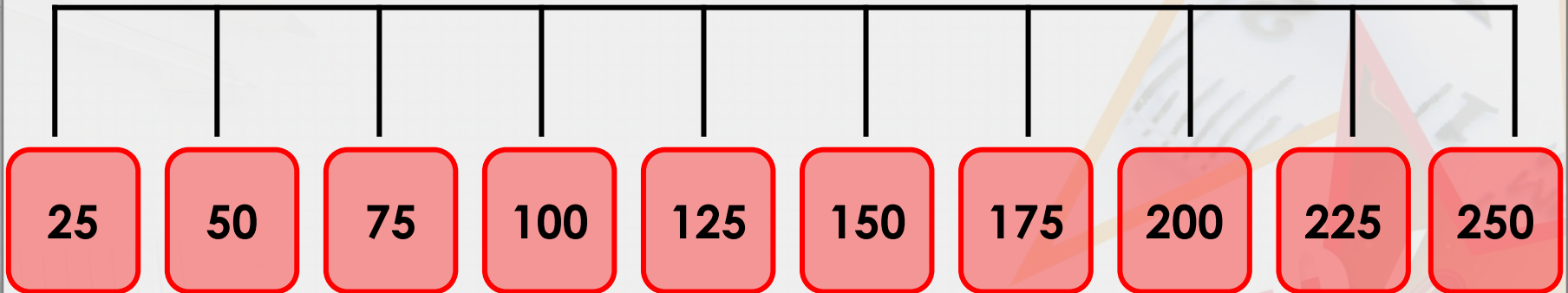
Introduction

Put the multiples of 25 into the correct order.



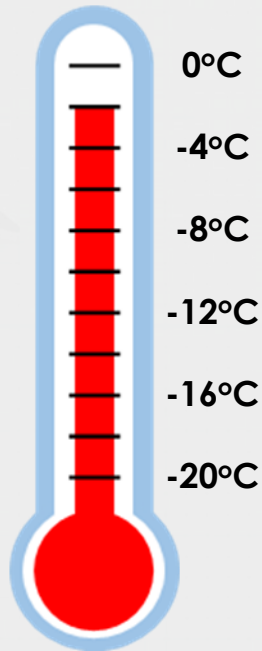
Introduction

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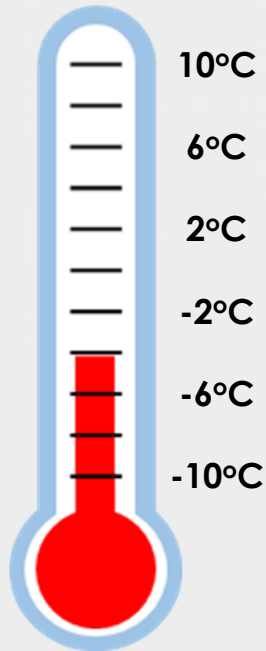


Varied Fluency 1

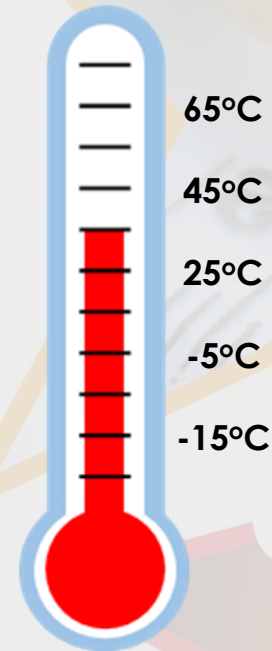
Put the temperatures in order from warmest to coolest.



A



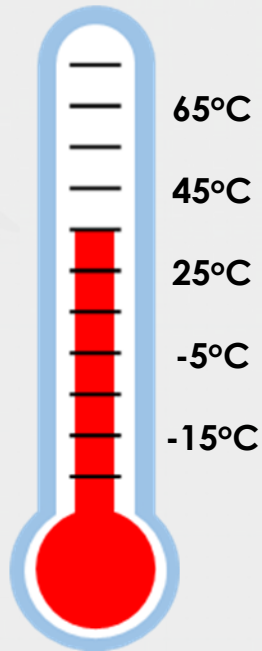
B



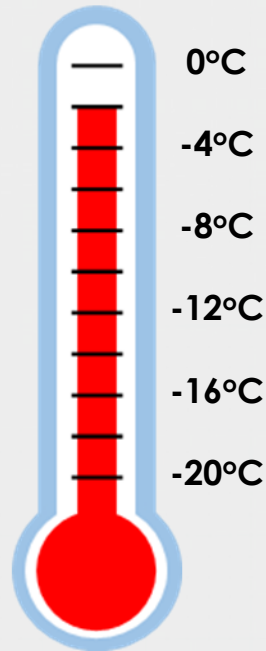
C

Varied Fluency 1

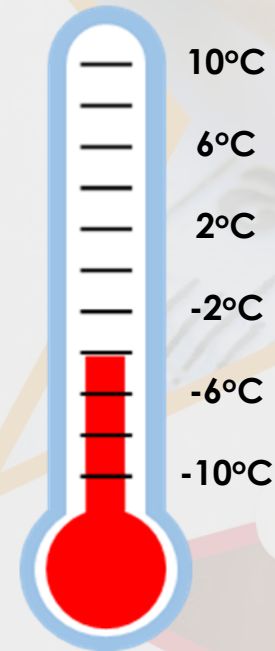
Put the temperatures in order from warmest to coolest.



C
35°C



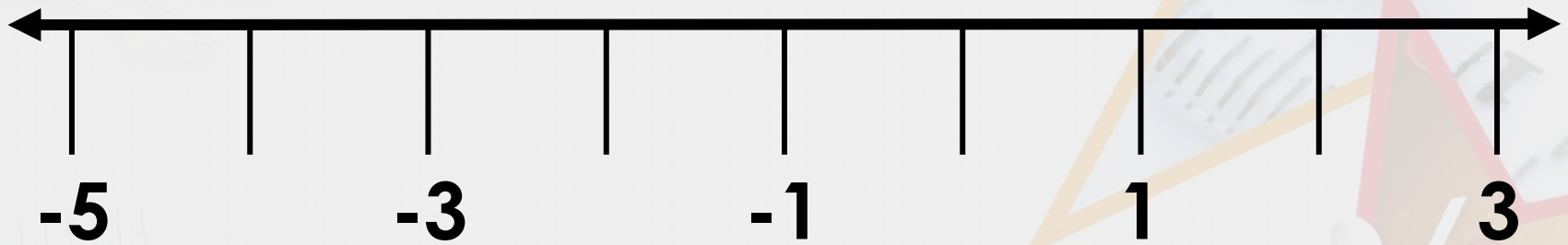
A
-2°C



B
-4°C

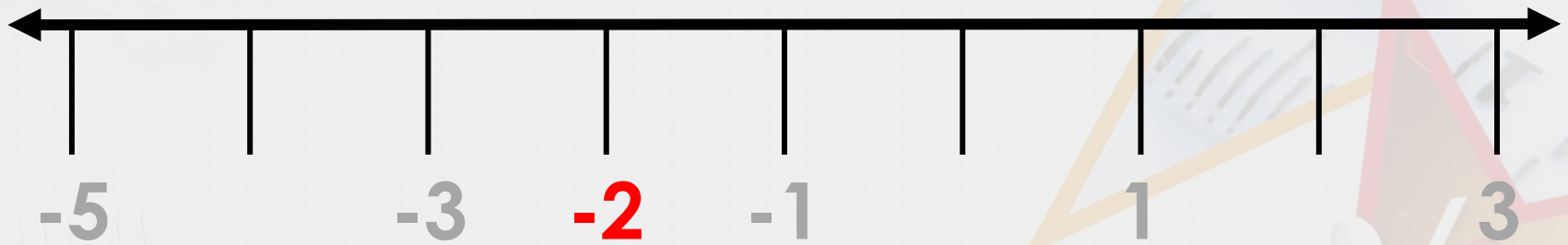
Varied Fluency 2

Label -2 on the number line.



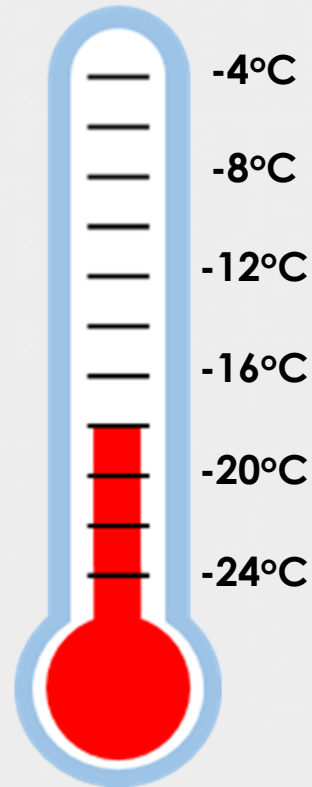
Varied Fluency 2

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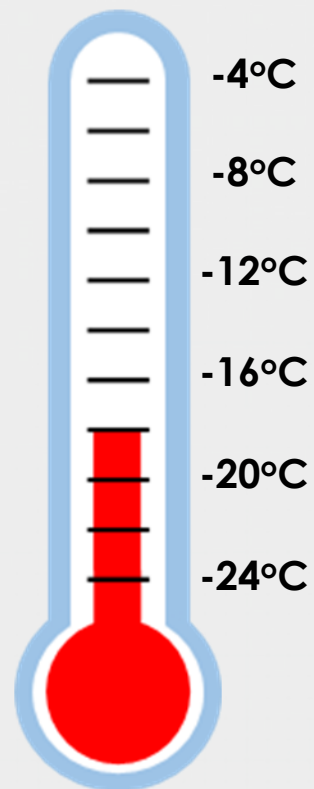
Varied Fluency 3

What is the temperature on the thermometer?



Varied Fluency 3

What is the temperature on the thermometer?

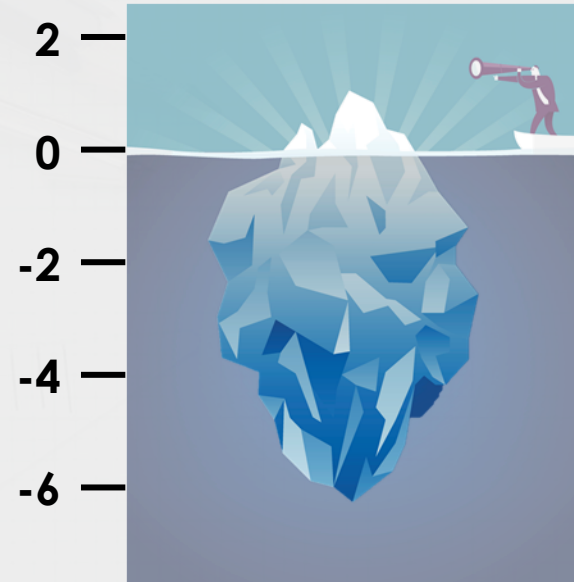


-18°C

Varied Fluency 4

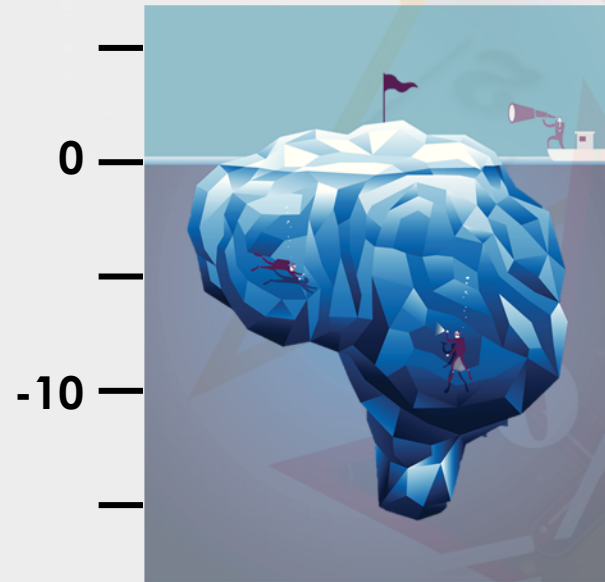
Which iceberg is deeper?

m



A

m

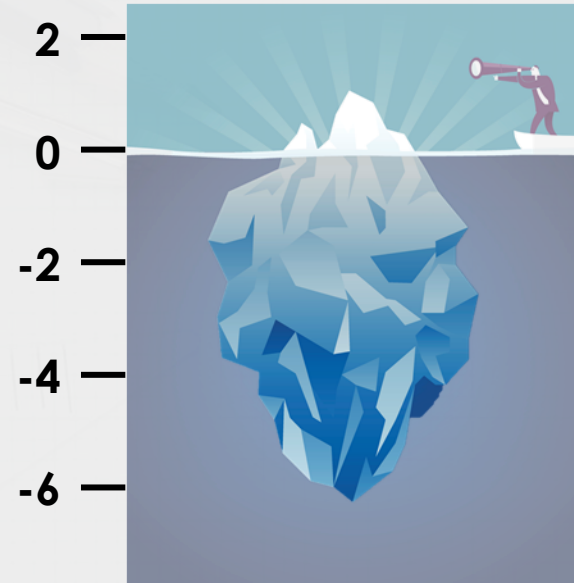


B

Varied Fluency 4

Which iceberg is deeper?

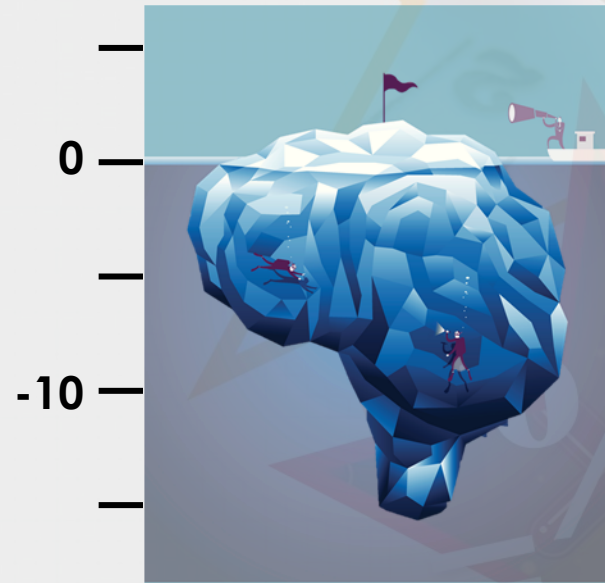
m



A

-6m

m



B

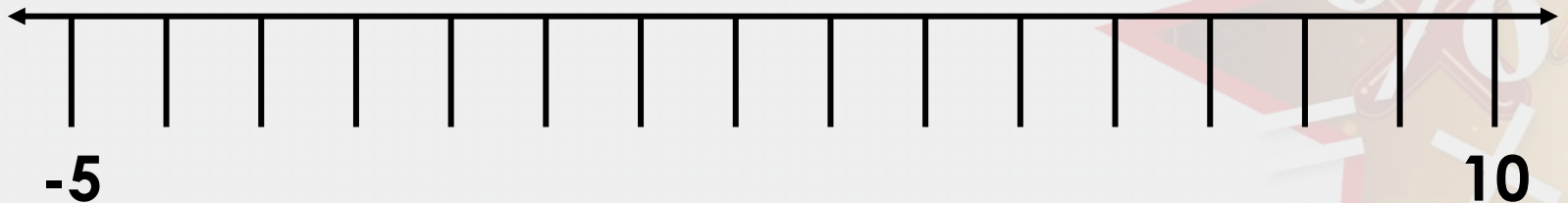
-15m

Problem Solving 1

What's my number?

My number is between 10 and -5.
It is an odd number.
It is a negative number.
It is closer to zero than it is to -5.

Use the number line to help you.

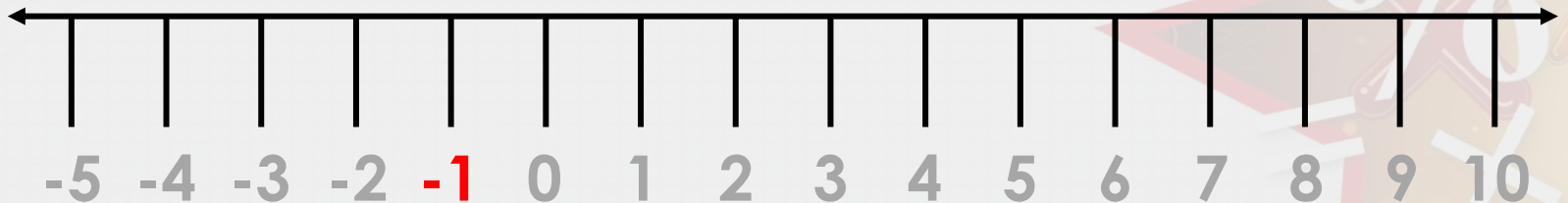


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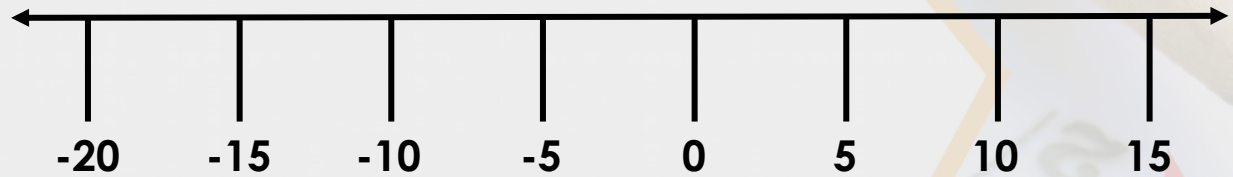


Reasoning 1

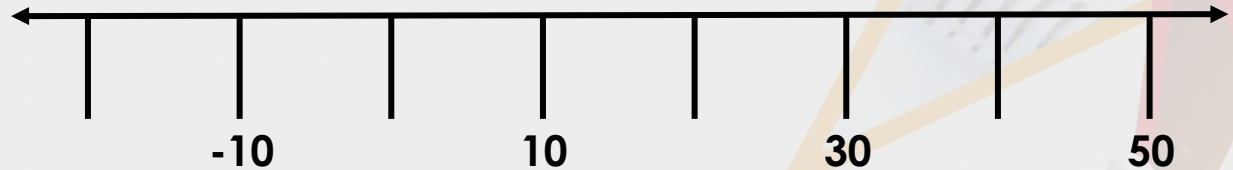
Three children are counting in sequences using number lines.



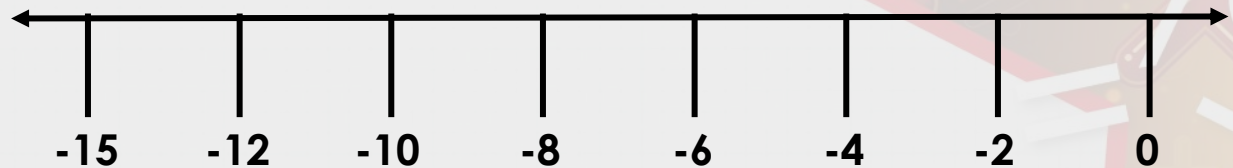
Anna



Pete



Dot



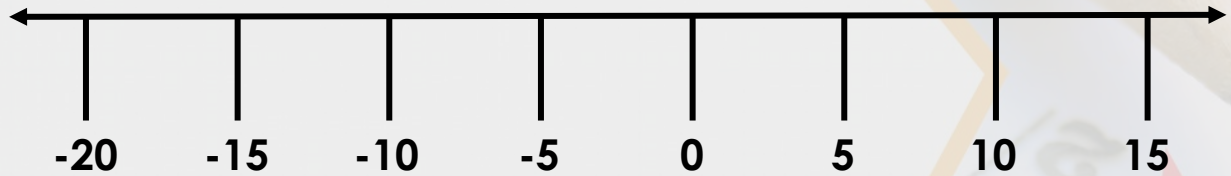
Are they correct? Explain how you know.

Reasoning 1

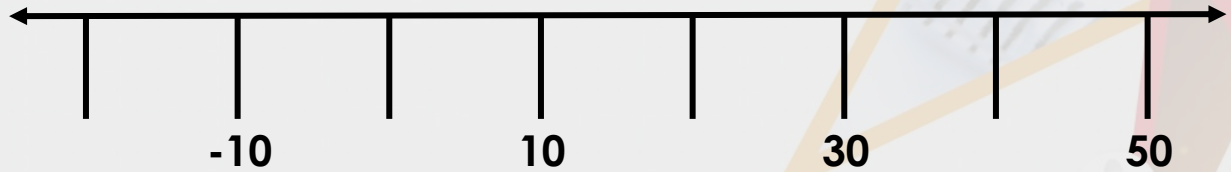
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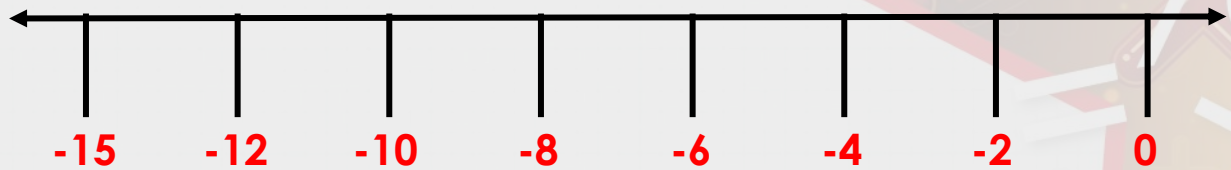
Anna



Pete



Dot



Are they correct? Explain how you know.

Dot is incorrect because she did not count back two from -15.

Tasks

- Red Task - I can use the number lines provided to position a range of negative numbers in the correct places.
- Yellow Task - I can use my knowledge of negative numbers to take accurate readings on different thermometers.
- Green Task - I can explore negative numbers in different contexts and can provide reasoning to justify my answers.